

## Pressure Sensor Fluid PSS

A M10 x 1 pressure sensor for measuring various fluid pressure. Gauge and absolute pressure sensors are available.



Mechanical data	
Measurement transducer	piezo-resistive
Max. pressure	2 x nominal
Thread	M10 x 1
Tightening torque	10 Nm
Wrench size	17 mm
Weight	65 g
Sealing	O-ring 7,65 x 1,63

Conditions for use	
Temperature range	-40 ... 125 °C
Vibration	15 g/30 ... 200 Hz

Characteristic	
<b>Sensitivity</b>	
10 bar	400 mV/bar
100 bar	40 mV/bar
250bar	16 mV/bar
<b>Offset</b>	
10 bar	100 mV
100 bar	500 mV
250 bar	500 mV

Electrical data	
Power supply	5 ... 6 V/ 8 ... 16 V
Compensated range	20 ... 85 °C
Current supply	8 ... 16 mA
Non linearity	1 %
Therm. zero point drift	< 1 %
Therm. sensitivity drift	< 1 %
Long time drift	< 1 %
Full scale output	0,5 ... 4,5 V
Time of reaction	1 ms (90 %)

Part numbers	
5 ... 6 V supply, 10 bar	<b>B 261 209 341</b>
8 ... 16 V supply, 10 bar	<b>B 261 209 064</b>
5 ... 6 V supply, 100 bar	<b>B 261 209 347</b>
8 ... 16 V supply, 250 bar	<b>B 261 209 067</b>

